node, the user information including identification and demographic information about a user of each at least one mobile device;

providing access to the LAN to the at least one mobile device in response to receiving the demographic information about the user of said at least one mobile device by the access node of the LAN;

accessing a global communication data network through a gateway of the LAN with the at least one mobile device;

sending the demographic information about the users of the at least one mobile devices at the location provided with the access to the LAN to an advertising server;

receiving commercial messages at the location through the gateway from the advertising server, the commercial messages being selected based on the demographic information of the users provided with the access to the LAN; and

sending the commercial messages to at least one display connected to the access node of the LAN at the location for viewing by all persons at the location including the users provided with the access to the LAN.

18. (Amended) A system for providing public wireless Internet access comprising:

a hub, the hub operatively connected to a global communication data network through a gateway;

at least one display device operatively connected to the hub, the at least one display device displaying commercial messages from an advertising server connected to the global communication data network; and

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a Local Area Network (LAN) operatively connected to the hub,

wherein the hub provides public wireless access to the global communication data network by allowing mobile devices in proximity to the system access to the LAN and the hub, the access to the global communication data network being free to the public due to the displaying of the commercial messages on the at least one display.

27. (Amended) An article comprising a storage medium having instructions stored therein, the instructions when executed causing a processing device to perform:

requesting identification information from at least one mobile device by a hub on a Local Area Network (LAN), the requesting occurring after the at least one mobile device at a location detected the presence of the LAN and requested access through an access node of the LAN;

receiving user information from each at least one mobile device at the hub, the user information including identification and demographic information about a user of each at least one mobile device;

giving access to the LAN to the at least one mobile device in response to receiving the demographic information about the user of said at least one mobile device by the access node of the LAN;

making a global communication data network accessible through the hub on the LAN to the at least one mobile device;

sending the demographic information about the users of the at least one mobile devices at the location provided with access to the LAN to an advertising

server;

receiving commercial messages at the hub from the advertising server, the commercial messages being selected based on the demographic information of the users provided with the access to the LAN; and

sending the commercial messages to at least one display connected to the access node of the LAN at the location for viewing by all persons at the location including the users provided with the access to the LAN.

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33. (Amended) A processing device having instructions stored therein, the processing device connected to a Local Area Network (LAN), the instructions when executed causing the processing device to perform:

requesting identification information from at least one mobile device by the processing device, the requesting occurring after the at least one mobile device at a location detected the presence of the LAN and requested access through an access node of the LAN;

receiving user information from each at least one mobile device at the processing device, the user information including identification and demographic information about a user of each at least one mobile device;

giving access to the LAN to the at least one mobile device in response to receiving the demographic information about the user of said at least one mobile device by the access node of the LAN;

making a global communication data network accessible through the processing device on the LAN to the at least one mobile device;

sending the demographic information about the users of the at least one

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mobile devices at the location provided with access to the LAN to an advertising server;

receiving commercial messages at the processing device from the advertising server, the commercial messages being selected based on the demographic information of the users provided with the access to the LAN; and

sending the commercial messages to at least one display connected to the access node of the LAN at the location for viewing by all persons at the location including the users provided with the access to the LAN.

37. (Amended) The processing device according to claim 33, wherein the LAN comprises a Bluetooth network.

39. (Amended) A method for public wireless paying network access comprising:

selecting items to purchase at a commercial establishment by a customer;

sending user information from a mobile device of the customer to a Local Area Network (LAN) at the commercial establishment through an access node of the LAN, the user information including identification and demographic information about the customer;

placing identification information for the customer into a queue, the queue identifying customers ready to purchase items selected by each customer, the customer identification information being placed on the queue in a chronological order, the contents of the queue being displayed at the commercial establishment for viewing by all persons;